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DECUS NO.	12-135
TITLE	MAC8, 8K MACRO ASSEMBLER
AUTHOR	Larry Davis Washington University, St. Louis, Missouri
COMPANY	Submitted by: Robert Hassinger Liberty Mutual Research Center Hopkinton, Massachusetts
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SOURCE LANGUAGE	PAL-8

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MAC8, 8K MACRO ASSEMBLER

DECUS Program Library Write-up

DECUS NO. 8-633

ABSTRACT

MAC8 IS AN 8-K ASSEMBLER WHICH RUNS UNDER PS/8 AND OS/8. IT ALLOWS MACROS TO BE WRITTEN ALONG WITH OTHER ASSEMBLY LANGUAGE INSTRUCTIONS.

USAGE

. R MAC8
*DEV1:BIN. BN, DEV2:LIST. LS[←]
*DEV3:BIN1. PA, . . .^X

WHERE THE FIRST OUTPUT FILE IS THE BINARY FILE,
AND THE SECOND OUTPUT FILE IS THE LISTING FILE.

ASSUMED INPUT EXTENSIONS ARE . MC

ASSUMED BINARY OUTPUT EXTENSION IS . BN

ASSUMED LISTING OUTPUT EXTENSION IS . LS

COMMAND DECODER OPTIONS:

. /N SYMBOL TABLE ONLY IN THE LISTING
. /S OMIT SYMBOL TABLE IN THE LISTING
. /L CALL ABSLDR AFTER ASSEMBLING
. /G LOAD THE FILE AND START THE
PROGRAM.
A STARTING ADDRESS MAY BE SPECIFIED
TO ABSLDR BY =NNNNN.

DIFFERENCES BETWEEN MAC8 AND DEC'S MACRO ASSEMBLER:

8K VERSUS 4K

XLIST PSEUDO-OP ADDED

CHAINING TO ABSLDR ADDED.

INPUT AND OUTPUT FROM PS/8 FILES.

NEATLY FORMATTED LISTINGS, INCLUDING DATE AND
PAGE NUMBERS.

NO LG ERROR MESSAGE ON PASS 2.

LOADING

. R ABLSDR
*PTR:/B\$
. SR SYS:MAC8; 5600=1000

DECIMAL
OCTAL
FIELD
PAUSE
I
Z
\$
EXPUNGE
FIXTAB
PAGE
=
*
DEFINE
DUBL
FLTG
TEXT
XLIST